

**Amendments to the Specification:**

*Please replace paragraph spanning lines 10-26 on page 16 with the following amended paragraph:*

$FR$ ,  $FA_n$  and  $FA_c$  have a different impact on the performance of a wireless system in different scenarios. When a unit is in idle state (which includes use of a scan mode), it listens for the access code that indicates that another unit is seeking a connection. A high false alarm rate should be avoided under these circumstances because, for each trigger of correlation output, the receiving system enters a response mode trying to establish the connection. It will become apparent that the correlation trigger was false only after an authentication procedure or some other handshaking has taken place. This extra processing will have an impact on the scanning unit in idle (or standby) mode. Therefore  $FA_n$  and  $FA_c$  should be rather low in scan mode. By comparison during the scan mode,  $FR$  is of lesser importance and can therefore be permitted to be higher. This means that sometimes an ID packet will be missed during initial connection setup. Because retry and retransmission mechanisms are included in the setup procedure (the interested reader can learn more about this from the Bluetooth specifications, obtainable at [www.bluetooth.com](http://www.bluetooth.com) on the internet) a false rejection will result in a delay of the setup procedure, but not a catastrophic error; that is, the connection can still be established. So in idle state,  $FR$  rates on the order of several percents are acceptable.